

In the Claims:

Please amend the claims as follows:

1. (currently amended) ~~Electric~~ An electric network for generation and transmission of electric power, ~~having comprising~~ a power generating part (1), a point of common connection (PCC) for the power generating part, a transmission link (~~T, W, CAB~~), a load network (~~LN~~), and a reactive power compensating means (~~2, 2'~~), the transmission link coupled between the point of common connection and a grid connection point (PGC) at the load network, and the reactive power compensating means coupled to transmission link, ~~characterised in that~~ wherein the power generating part comprises at least one wind turbine (111) with an electric generator (113) of induction type, coupled to the point of common connection, and ~~in that~~ wherein the reactive power compensating means comprises a capacitor bank (21) and in parallel coupling to said capacitor bank a controllable inductor (22) having a magnetic core (221), a main winding (222) for alternating current, and a DC-control winding (223) for direct current (~~ID~~), said DC-control winding for control of the magnetic flux set up by the main winding via orthogonal magnetization of the core.

2. (currently amended) ~~Electric~~ The electric network according to claim 1, ~~characterised in that~~ wherein the reactive power compensating means is coupled to the point of common connection.

3. (currently amended) ~~Electric~~ The electric network according to claim 1, wherein the

transmission link comprises a high voltage step-up transformer (T) with its low voltage side coupled to the point of common connection, ~~characterised in that~~ wherein the reactive power compensating means is coupled to said grid connection point at the load network.

4. (currently amended) ~~Electric~~ The electric network according to claim 3, ~~characterised in that~~ wherein the power generating part is located off-shore and in that the transmission link comprises a sub-marine cable (~~CAB~~).

5. (currently amended) ~~Electric~~ The electric network according to claim 1, wherein any ~~of the preceding claims, characterised in that~~ the load network has a short circuit capacity that is lower than 10 times the rated power of the power generating part.

6. (currently amended) ~~Electric~~ The electric network according to claim 1, wherein any ~~of the preceding claims, characterised in that~~ the reactive power compensating means comprises a controller (23) for generating the direct current for said DC-control winding in dependence on a voltage (~~UC, UG~~) sensed at the reactive power compensating means.

7. (currently amended) Use of a reactive power compensating means (2) for compensation of reactive power in an electric network having a power generating part (1) with at least one wind turbine (11) with an electric generator (113) of induction type, a point of common connection (~~PCG~~) for the power generating part, a transmission link (T, W, ~~CAB~~), a load network (~~LN~~), the transmission link coupled between the point of common connection and a grid connection point (~~PGC~~) at the load network, and the reactive power compensating means

coupled to the transmission link, the reactive power compensating means having a capacitor bank (21) and in parallel coupling to said capacitor bank a controllable inductor (22) with a magnetic core (221), a main winding (222) for alternating current, and a DC-control winding (223) for direct current, said DC-control winding for control of the magnetic flux set up by the main winding via orthogonal magnetization of the core.

8. (currently amended) ~~Use~~ The use of a reactive power compensating means for compensation of reactive power in an electric network according to claim 7, wherein the reactive power compensating means is coupled to the point of common connection.

9. (currently amended) ~~Use~~ The use of a reactive power compensating means for compensation of reactive power in an electric network according to claim 7, wherein the transmission link comprises a high voltage step-up transformer (T) with its low voltage side coupled to the point of common connection and wherein the reactive power compensating means is coupled to said grid connection point at the load network.

10. (currently amended) ~~Use~~ The use of a reactive power compensating means for compensation of reactive power in an electric network according to claim 9, wherein the power generating part is located off-shore and wherein the transmission link comprises a sub-marine cable (CAB).

11. (currently amended) ~~Use~~ The use of a reactive power compensating means for compensation of reactive power in an electric network according to ~~any of claims 7-10~~ claim 7,

wherein the load network has a short circuit capacity that is lower than 10 times the rated power of the power generating part.